II. The apparent Times of the Immersions and Emersions of Jupiter's Satellites, which will happen in the Year 1737. Computed to the Meridian of the Royal Observatory at Greenwich, by James Hodgson, F.-R. S. and Master of the Royal Mathematical School in Christ-Hospital, London.

The apparent Times of the Eclipses of the First Satellite of Jupiter.

				1_				, 					
D.	H.	M.		D.	H.	M.		D.	H.	M.			
****		-			MA	RCH.		APRIL.					
	JANU	JARY	7.	Immersions.				Т	mmei	·fion			
1	Emer	fions		1 2	3	53	M	•	11111101	110113	*		
	•				10	22	A	2	0	37	M		
1	8	23	A	4	4	<i>5</i> I	A	3	7	6	\mathbf{A}		
3	2	51	A	6	II	20	M	5	1	35	$\mathbf{A}_{\mathbf{A}}$		
5	9	19	M	8	5	49	M	7	8	4	M		
5 7 8	3	47	M	9	ΪΙ	18	A	9	2	33	M		
8	10	15	A	II	6	47	A	10	9	2	\mathbf{A}		
10	4	44	A	13	1	17	\mathbf{A}	12	3	3 I	\mathbf{A}		
12	11	12	M	15	7	46	M	14	10	0	M		
14	5 6	40	M	17	2 8	15	M	16	4	28	\mathbf{M}		
17	6	37	A	18	8	44	A	17	10	58	\mathbf{A}		
19	I	5	\mathbf{A}	20	3	13	Α	19	5	26	\mathbf{A}		
				22	9	42	M	2 I	11	55	\mathbf{M}		
	FEB:	RUAI	RY.	24	14	ΙI	M	23	6	24	\mathbf{M}		
1	mme	rfion	e	25	IO	41	A	25	0	52	\mathbf{M}		
•	Immersions.				5	6	Α	26	7	21	A		
25	3	5.4	\mathbf{A}	29	ΙI	39	M	28	I	50	\mathbf{A}		
27	9	23	M	31	6	8	M	30	8	18	\mathbf{M}		
	•							-		N	MAY		

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The apparent Times of the Eclipses of the first Satellite of Jupiter.

					-			l					
D.	н.	M.		D.	Н.	M.		M.	Н	. D			
	M	AY.	۹.	13	2 8 3	5 34 2	A M M		August.				
				18	9	30	A		Immersions.				
2	2	47	M A	20	3	58	A M	2	3	2 2	M		
3	9	15 44	A	22 24	10 4	2 6 55	M	3	9	5 r	A		
5 7	3 10	44 12	M	25	11	23	A	5	4	20	Ä		
9	4	45	M	27	5	5 I	Ā	7	10	49	\mathbf{M}		
10	. 11	9	\mathbf{A}	29	ŏ	19	A	9	5	1 8	M		
12	5	38	A	-				10	II	47	A		
14	0	6	A		Ju	LY.		12	6	16	A.		
16	6	34	M	ŀ	Imme	rfion	s.	14 16	O.	45	A M		
1 8	I	I	M					18	7 1	15 44	M		
19	7	31	A A	Ī	6	48	M	19	8	13	A		
21	8	59 27	M	3	ľ	16	M	21	2	42	Â		
23 25	2	56	M	4 6	7	44	Α	23	9.	II	M		
26	9	24	A	6	2	1 3	A	25	3	41	M		
28	3	52	A	8	8	4. I	M	26	10	10	A		
30	10	20	M	10	3	9	M	28	4	39	A		
9				II	9	38 6	A A	30	11	7	M		
	Jυ	NE.		13	4 10		M	_					
	Imme	rfion	S.	17	5	3 <i>5</i> 4	M	SI	PTE	MBE	₹.		
				18	LI	32	A			.C			
Ţ	4	48	M	20	6	1	A		cmer	fions.			
2	ΤÏ	17	A	22	0	29	Α	ī	7	5 I	M		
4	5	46	A	24	6	58	M	3	2	21	M		
6	0	13	A	26	I	27	M	- 4	8	50	A		
8	6	4 I	M	27	7	56	Α	6	3	19	\mathbf{A}		
10	I	9	M	29	2	25	A	8	9.	49	M		
ΙΙ	7	36	A	31	8	5 3	M)	10	4	18	M		
										SEPT	EM-		

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The apparent Times of the Eclipses of the first Satellite of Jupiter.

D.	Н.	M.		D.	H.	M.		D.	H.	M.	
		-		.13	7	34	A	2 I	6	3	Ā
S	EPTI	MBE	R.	15	2	3	A	23	0	3 I	A
	Eme	rfions	. ·	17	8	3 I	M	25	6	59	M
				19	3	0	M	27	1 7	27 55	M
11	10	47	A	20	9	29	A	28	A		
13	5	17	A	22	3	58	A	3Q	2	23	\mathbf{A}
1 5	ΙΙ	46	M	24	10	27	M				
17	6	15	M	26	4	56	M		DECE		
19	0	43	M	27	11	25	A]	Emer	ſions.	,
20	7	14	A	29	5	53	A	2	8	5 I	M
22	1	43	A	31	0	22	A	4	3	19	\mathbf{M}
24	8	13	M	١,	٠ ·		j	5	9	47	\mathbf{A}
26	2	43	M	1	Nove	MBER	.]	. 7	4	16	\mathbf{A}
27	9	II	A		T.	c		9	10	44	M
2 9	3	40	\mathbf{A}		Emer	riions	- 1	II	5	12	M
	_			2	6	5 I	M	12	II	40	\mathbf{A}
•	Ост	OBER	•	4	I	19	M	14	6	8	\mathbf{A}
•	Emer	fions.		5	7	48	A	1 6	0	35	\mathbf{A}
				7	2	16	A	19	7	3	\mathbf{M}
I	10	10	M	9	8	45	M	20	1	3 I	M
3	4	39	M	II	3	13	M	2 I	7	59	\mathbf{A}
4 6	II	8	A	12	9	42	A	23	2	28	A
	5	37	A	14	4	10	Α	² 5	8	56	\mathbf{M}
8	0	6	A	16	IO	38	M	27	3	24	M
10	6	35	M	18	5	26	M	28	9	52	\mathbf{A}
12	1	5	M	19	ΙĮ	35	A	30	4	20	\mathbf{A}

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The apparent Times of the Eclipses of the second Satellite of Jupiter.

D. H. M. JANUARY. Emersions. 4	-					·		— ₁		Δ	N #	
Tanuary Tanu	D.	H.	M.		D.	Н.	M.,		D.	Α.	M.	
Tanuary Tanu	***************************************	•			•		,		9	6	36	A
Emersions. 4	4	ANU	ARY.			APR	IL.	1		7		\mathbf{M}
4 0 3 A 6 7 15 A 10 8 33 M 10 8 30 M 10 8 10 M 10 M 10 M 10 M 10 M 10 M 1	•	,										
8	•	Eme	rsions		Immersions.				20	10		
8 I 20 M 6 7 15 A 7 15 A 10 8 33 M 15 3 55 M 13 9 52 A 17 II II M 18 5 I3 A 17 II II M 24 I 48 A 28 3 6 M 16 I 3 A 8 4 56 M 16 I 3 A 8 4 56 M 16 I 3 A 8 4 56 M 16 I 3 A 8 50 A 17 II II M 18 8 50 A 18 M 18 8 50 A 19 I 2 I 0 I A 19 8 18 M 19 8 35 A 19 I 0 53 M 19 I 0 0 0 M 19 I 0 M 19	А	O	2	Α	2	Z.	£6	М		11	46	
11					6				27	I	3	A
15		2			1	8				•		
Tebruary. Timerfions. Ti		3								JUI	LY.	
February. Immersions. 26				A		-	-	M	I	mme	rfions	
Tebruary.		-	_		, .	0	29	M	т	2.	20	M
Immersions. 26 4 44 A MAY. Immersions. 2 6 3 M 5 7 23 A 9 8 42 M 12 10 I A 14 11 20 M 20 0 39 M 20 0 39 M 21 159 A 27 3 18 M 30 4 37 A A	I	EBRI	UARY	·.	24	I	48		1			
MARCH. Immersions. 2 6 3 M 5 7 23 A 9 8 42 M 12 10 I A 11 6 13 A 15 7 31 M 18 8 50 A 22 10 8 M 25 11 26 A 29 0 45 A AUGUST. Immersions. 2 1 59 A 23 I 59 A 27 3 18 M 30 4 37 A JUNE. Immersions. I 1 6 13 A 15 7 31 M 18 8 50 A 22 10 8 M 25 11 26 A 29 0 45 A AUGUST. Immersions. 2 2 3 M 5 3 22 A 9 4 41 M 12 6 0 A 14 M 15 9 35 A 19 I0 53 M 23 0 12 M 24 D 30 2 45 M 9 4 41 M 12 6 0 A 15 7 19 M 19 8 33 A 19 INDE. 16 7 19 M 19 8 33 A 23 9 58 M 24 2 A 6 5 19 M 30 I 37 A		_	_		28	3	6	M	8	<i>3</i>	56	
26 4 44 A MARCH. Immersions. 2 6 3 M 5 7 23 A 9 8 42 M 12 10 I A 119 10 53 M 12 10 I A 19 10 53 M 12 10 I A 19 10 53 M 22 2 3 M 23 I 59 A 27 3 18 M 30 4 37 A JUNE. Immersions. I 5 7 31 M 18 8 50 A 22 10 8 M 25 11 26 A 29 0 45 A August. Immersions.		Imme	erfion	s.					11	6		
MARCH. Immersions. 2 6 3 M 5 7 23 A 9 8 42 M 12 10 I A 11 20 M 20 0 39 M 23 I 59 A 27 3 18 M 30 4 37 A Immersions.	26	26 4 44 A				MA	Y.		15	7		\mathbf{M}
Immersions. 1	-	т	7.1							8		
Immersions. 1		MA	RCH.		<u>.</u>	Imme	riton	S.	22	10		
2 6 3 M 8 7 0 A A AUGUST. 9 8 42 M 15 9 35 A Immersions. 14 11 20 M 23 0 12 M 2 2 3 M 20 0 39 M 23 1 59 A 30 2 45 M 27 3 18 M 30 4 37 A June. Immersions. 1 1 2 4 2 A 2 A 2 A 26 11 17 A 4 6 5 19 M 30 1 37 A				c	I	4	24	A	25	11	26	
2 6 3 M 8 7 0 A AUGUST. 9 8 42 M 15 9 35 A Immersions. 14 11 20 M 23 0 12 M 2 2 3 M 20 0 39 M 26 1 27 A 5 3 22 A 30 2 45 M 9 4 41 M 27 3 18 M 30 4 37 A June. Immersions. 19 8 33 A 19 M 19 8 33 A A 6 5 19 M 30 1 37 A			2111011		5			M	29	0	45	A
9 8 42 M 12 10 I A 19 10 53 M 23 0 12 M 20 0 39 M 23 I 59 A 27 3 18 M 30 4 37 A 15 9 35 A 19 10 53 M 26 I 27 A 30 2 45 M 10 0 0 A 11 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	6			8	7						
12 10 1 A 19 10 53 M 2 2 3 M 20 0 39 M 26 1 27 A 5 3 22 A 30 2 45 M 9 4 41 M 12 6 0 A 16 7 19 M 19 8 33 A 19 M 19 8 33 A 19 M 19	5	7			12	8	18		1	Au€	GUST.	
12 10 1 M 19 10 53 M 2 2 3 M 20 0 39 M 26 1 27 A 5 3 22 A 30 2 45 M 9 4 41 M 12 6 0 A 16 7 19 M 19 8 33 A 19 M 19 8 33 A 19 M 19 8 33 A 19 M 19			•		15	9	35		1	mme	rfions	i.
20 0 39 M 23 1 59 A 27 3 18 M 30 4 37 A 26 I 27 A 30 2 45 M 9 4 41 M 12 6 0 A 16 7 19 M 19 8 33 A 19 8 33 A 19 8 33 A 24 2 A 6 5 19 M 30 I 37 A			-			10			1			
23	•								1			
27 3 18 M 30 4 37 A JUNE. 12 6 0 A JUNE. 16 7 19 M 19 8 33 A 2 4 2 A 6 5 19 M 30 1 37 A							• .			_		
June. In June. If 7 19 M Immersions. 2 4 2 A 26 II 17 A 6 5 19 M 30 I 37 A	•				30	2	45	IVI		4		
Immersions. 19 8 33 A 23 9 58 M 24 2 A 26 II 17 A 30 I 37 A	•				1	-					_	
1mmerfions. 23 9 58 M 2 4 2 A 26 II 17 A 6 5 19 M 30 I 37 A	30	4	37	А		•			1		-	
2 4 2 A 26 II 17 A 6 5 19 M 30 I 37 A					1	Imm	erfion	s.				
6 5 19 M 30 1 37 A					1 0	1	2	Α				
1 0 3 -3 30 3/									i			
					1	9	* 9		, 50	•		

The apparent Times of the Eclipses of the second Satellite of Jupiter.

D.	Н.	M.		D.	H.	M.		D.	Н.	M.	
s		EM BE		5 8 12 15	4 5 7 8	38 57 16	M A M A	20 23 27	9 10 0	35 53 10	M A A
3 6 10 13	4 6 7 8	43 2 22 41	M A M A	19 22 26 30	9	35 54 12 31 49	M A A M	l	DECEN Emer 1 2		
	и о и	20 40 59 DBER fions	A A M	2 6 9 13	Nove 1 Emer 3 4 5 7 8		A M A	8 11 15 18 22 25 29	4 5 6 7 9 10	1 17 34 51 8 25 42	M A M A M A M

The apparent Times of the Eclipses of the third Satellite of Jupiter.

D.	H.	M	D.	Н.	M	•	D.	Н.	M.	-
8	JANU. Emer 2 6		į.	EBR mmer 2			I 6 .13 20 27	MA mmer 6 10 2 6		M M A A
				A a					Αp	RIL

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The apparent Times of the Eclipses of the third Satellite of Jupiter.

D	Н.	M.			т Т	N 4			T T	N 4	
D.	rı.	171.		D.	H.	Μ.		D.	н.	M.	
											-
	AR	RIL.		June.					Augi	UST.	
I	mmer	fions.	. !					,		fions	
			A	Immersions.							
3 11	10	57 59	M	7	ľĪ	3	M	3	7	7	A A
18	7	39 I	M	14	3	3	Α	18	3		M
25	3	H	M	2 F	7	2	Α	25	3 7	17	
23	3			28	II	1	Α		•	-/	***
	Emer	fions.						S	EPTE	MBE	R.
	2	21	M		Emer	fions.				fions.	
4 11	6	23	M	·	2	2 I	Α	1	2	29	Α
18	10	24	M	7	6	19	A	8	6	32	A
25	2	25	\mathbf{A}	21	01	18	A	15	10	36	A
- 5		,		29		17	M	23	2	39	
	M	ΑY.		-9	~	•		30	6	42	M
T	mme	rsions			Jui	Y.				•	
			A	Immersions.				October.			
2	3 7	4 5	A	1		HOIIS		I	mme	rsions	
9 16	11	5 5	Ā	6	3	1	M	7	7	41	M
24	3	4	M	13	7	2	M	14		45	M
31	7	4	M	20	II	3	M	2 I	3	47	A
3-	,	•		27	3	5	A	28	7	49	A
	Eme	rsions				_			•		
2	6	25	Á		Eme	rfion	3.		Emer	fions.	,
9	10	25	A	6	16	16	M	7	10	45	M
17	2	25	A	13		16	M		2	47	A
24	6		M	20	2	16	A	21	6	49	A
31	10	22	M	27	6	17	A	28	10	50	A
				•		•				Nov	EM-

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The apparent Times of the Eclipses of the third
Satellite of Jupiter.

D.	H.	M.		D.	H.	M	•	D.	H.	M.	
	Novi	ЕМВЕ	R.	12	6	51	M	17	ΙΙ	49	A
	Imme	rsions).e	19	10				3	48	M
4	11	5 I	A	26	2	49	A				
12	3	52	M	1 _	_			1	Emer	rsions	
19	7	5 2	M	1	DECE			3	6	47	\mathbf{A}
25	ŢĪ	5 2	M	I	mmer	fions		10	10	45	\mathbf{A}
	Eme	erfions		3	3	5 I	A	18	2	43	M
5	2	5 I	\mathbf{M}^{\dagger}	10	7	50	A	25	6	41	M
Th	e api	baren	t T	imes	of t	be E	CLIF	SES d	f the	e fou	rth
			-Sa	+ P 1.1.1	tp of	TID	ITER	•			
	TANU	JARY		1	Emer	fions		123	6	22	M
	Ĭmm	erfion	S.	12	7	39	M	E	Emerí	ions.	
14	7	4 I	A	29	I	48	M	6	2	48	A
•	Eme	fions.			Jun	E.		23	9	8	M
15	0	6	M	I	mmer	ions.		(СТО	BER.	
	MA:	RCH.		14	_ 4	18	A	In	nmeri	lions.	
I	mmei	rfions.	_		Emer	ions.	٠. ا	10	0	48	M
О	2	32	M	14	7	50	A	26	7	12	A
	~ 8	⁵⁴	A	July. Immersions.				Emeritons.			
			24	11	nmeri	ions.	14	10	3	23	IVI
	26		M	I	10	30	M	20 NT	9	35	A
23	1		M	18 T	4	40	IVI	10 3 23 M 26 9 35 A November. Immersions.			
	Apr				Emerfi 2						
		fions.	A	- Q	8	0	M			5 I	M
	3	•	M	10	Augu:	9	111	29 F	7 Emerf		
² 5	9 Emeri	33	147	In	nmerf	ione		F 12	7	25	A
8			A	3	Augus nmerf 11	7	A	20	<u> </u>	47	M
	7	17 29	A	3 20	, T	20	A 1	1 3	セハモル	DED	
25	M.		**	Emersions.				To	merf	ions.	
Te		fions.					A	16	3	9	M
2		49	M	SE	- т БРТЕМ	IBEF		F	'merf	ions.	
	. 1 0	()	A	In	nmerli	ons.	, \	16	4	49	
		,	•		Δ	. 2	•			IÍÍ. S	The